



PATENT  
2022645-7002454001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

**James M. Kates**

**Serial No.: 10/087,090**

**Filed: March 1, 2002**

**For: SPECTRAL ENHANCEMENT USING  
DIGITAL FREQUENCY WARPING**

)  
) **Confirmation: 2988**

)  
) **Group Art Unit: 2646**

)  
) **Examiner: Ni, Suhan**

**TRANSMITTAL**

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith are filings for the above-identified application:

1. Issue Fee Transmittal (PTOL-85) (1 page) *in duplicate form*;
2. Amendment After Allowance (17 pages);
3. Formal Drawings Transmittal (1 page);
4. Formal Drawings - Figures 1 through 12 (7 sheets); and
5. Return Receipt Postcard.

The Commissioner is authorized to charge Bingham McCutchen's Deposit Account No. **50-2518** for any fees required, Docket No. 2022645-7002454001.

DATE: August 18, 2005

Respectfully submitted,

By: 

Michael J. Bolan  
Reg. No.: 42,339

Bingham McCutchen LLP  
Three Embarcadero Center, Suite 1800  
San Francisco, California 94111  
(714) 830-0600

**CERTIFICATE OF MAILING**

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United State Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

8/18/05  
Date of Deposit

Jocelyn L. Lee  
Jocelyn L. Lee



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**FORMAL DRAWINGS TRANSMITTAL**

**M/S: Official Draftsperson**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir,

Transmitted herewith are Formal Drawings (7 sheets) for the above-identified application.

Respectfully submitted,  
BINGHAM McCUTCHEN LLP

Dated: August 18, 2005

By: 


Michael J. Bolan  
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